

OIP E  
APR 16 2002TRANSMITTAL  
FORM

Application Serial Number	09/912,947
Filing Date	July 25, 2001
First Named Inventor	Dahlbäck et al.
Group Art Unit	1644
Examiner Name	Not Yet Assigned
Attorney Docket No.	INL-036DV
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached Copy of Fee Transmittal Form <input type="checkbox"/> Amendment <input type="checkbox"/> Preliminary After Final Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets <u>      </u> ] <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing: ( <u>      </u> Sheets) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interference <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) 1. Transmittal to Respond to Request for Substitute Papers 2. Copy of the Request for Substitute Papers. 3. Copy of the original postcard submitted dated 11/9/01 and the stamped postcard from U.S. Patent and Trademark Office stamped 1/10/02. 4. Copy of the check for \$110.00. 5. Copy of the Certificate of First Class Mailing Under 37 C.F.R. 1.8 dated 11/9/01. 6. Copy of the Transmittal Form dated 11/9/01. 7. Copy of the Fee Transmittal dated 11/9/01. 8. Copy of the Petition for Extension of Time Under 37 C.F.R. 1.136(a). 9. Copy of the Response to Notice of Incomplete Reply and copy of the Abstract. 10. Copy of the Notice of Incomplete Reply (NonProvisional).
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COPY OF PAPERS  
ORIGINALLY FILED

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Date: April 16, 2002  
 Reg. No. 43.153  
 Tel. No.: (617) 310-8168  
 Fax No.: (617) 248-7100

Respectfully submitted,

*Diana M. Steel*  
 Diana M. Steel  
 Attorney for Applicant  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110

2351338

PATENT  
INL-036DV  
(4643/36)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Dahlbäck GROUP NO.: 1644  
SERIAL NO.: 09/912,947 EXAMINER: Not yet assigned  
FILED: July 25, 2001  
TITLE: NOVEL ANTICOAGULANT COFACTOR ACTIVITY ASSAYS FOR  
DETERMINING ANTICOGULANT COFACTOR ACTIVITY

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence, and any documents referred to as attached hereto, are being transmitted to the U.S. Patent and Trademark Office, Room 1B03, Crystal Plaza Building 2, Arlington, Virginia 22202, Facsimile No. (703) 746-4060(OIPE) on this 16th day of April, 2002.

April 16, 2002  
Date of Signature

Brenda T. Kowalczyk  
Brenda T. Kowalczyk

U.S. Patent and Trademark Office  
Room 1B03  
Crystal Plaza Building 2  
Arlington, Virginia 22202

Sir:

Submitted herewith are:

Telecopy Cover Sheet (1 pg.); Transmittal Form (1 pg.); Transmittal to Respond to Request for Substitute Papers (1 pg.); Copy of the Request for Substitute Papers (1 pg.); Copy of the original postcard submitted dated 11/9/01 and the stamped postcard from U.S. Patent and Trademark Office stamped 1/10/02 (1 pg.); Copy of the check for \$110.00 (1 pg.); Copy of the Certificate of First Class Mailing Under 37 C.F.R. 1.8 dated 11/9/01 (1 pg.); Copy of the Transmittal Form dated 11/9/01 (1 pg.); Copy of the Fee Transmittal dated 11/9/01 (1 pg.); Copy of the Petition for Extension of Time Under 37 C.F.R. 1.136(a) (1 pg.); Copy of the Response to Notice of Incomplete Reply and copy of the Abstract (2 pgs.); Copy of the Notice of Incomplete Reply (NonProvisional) (1 pg.); and this Certificate of Facsimile Transmission (1 pg.).

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Received from &lt; &gt; at 4/16/02 4:31:44 PM [Eastern Daylight Time]

PATENT  
INL-036DV  
(4643/36)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Dahlbäck                      GROUP NO.: 1644  
SERIAL NO.: 09/912,947                      EXAMINER: Not yet assigned  
FILED: July 25, 2001  
TITLE: NOVEL ANTICOAGULANT COFACTOR ACTIVITY  
ASSAYS FOR DETERMINING ANTICOAGULANT  
COFACTOR ACTIVITY

U.S. Patent and Trademark Office  
Room 1B03  
Crystal Plaza Building 2  
Arlington, Virginia 22202

**Transmittal to Respond to Request for Substitute Papers**

Sir:

Applicants submit that the below listed documents is a complete and accurate copy of the November 9, 2001 filing.

1. Copy of the original postcard submitted dated 11/9/01 and the stamped postcard from U.S. Patent and Trademark Office stamped 1/10/02;
2. Copy of the check for \$110.00;
3. Copy of the Certificate of First Class Mailing Under 37 C.F.R. 1.8 dated 11/9/01;
4. Copy of the Transmittal Form dated 11/9/01;
5. Copy of the Fee Transmittal dated 11/9/01;
6. Copy of the Petition for Extension of Time Under 37 C.F.R. 1.136(a);
7. Copy of the Response to Notice of Incomplete Reply and copy of the Abstract; and
8. Copy of the Notice of Incomplete Reply (NonProvisional).

Serial No. 09/912,947

Page 2

Enclosed is a copy of the Request for Substitute Papers. Applicants believe that no fees are necessitated by the present Amendment. However, in the event that any additional fees are due, the Commissioner is hereby authorized to charge any such fees to Attorney's Deposit Account No. 20-0531.

Respectfully Submitted,

Date: April 16, 2002



Diana M. Steel  
Reg. No.: 43,153  
Attorney for Applicant  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110

Tel. No. (617) 310-8168

Fax No. (617) 248-7100

2351329



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20531  
www.uspto.gov

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APR 16 2002  
O.I.P.E. JUNE 10 2002

Application Number	Filing Date	First Named Applicant	Atty. Docket No.
09/912,947	07/25/2001	Dahlback, Biorn	INL-036DV

21323  
TESTA, HURWITZ & THIBEAULT, LLP  
HIGH STREET TOWER  
125 HIGH STREET  
BOSTON MA 02110

APR 04 2002

PATENT: U.S. PAT. & TM. OFF.  
TESTA, HURWITZ & THIBEAULT, LLP

Title: Novel anticoagulant cofactor

Date Mailed: 03/18/2002

### Request for Substitute Papers

The papers filed on 01/10/02 (certificate of mailing dated 11/09/01) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated **703-746-4060(OIPE)**.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: Diana M. Steel Registration No.: 43,153

Signature: Diana M. Steel Date: 4/16/02

04/16/02 TUE 16:23 FAX



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INL-036DV  
(4643/36)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:  
Certificate of First Class Mailing (1 pg.); Transmittal Form (1 pg.); Fee Transmittal (1 pg.);  
Petition for Extension of Time (1 pg.); Response to Notice of Incomplete Reply (2 pgs.);  
Copy of Notice of Incomplete Reply (1 pg.); and Check in the Amount of \$110.00.

Name of Applicant: DAHLBACK  
Intf. or Serial Number: 09/912,947  
Atty: RPMoore / DMSteel  
Date: November 9, 2001

INL-036DV  
(4643/36)

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Name of Applicant: DAHLBACK  
Intf. or Serial Number: 09/912,947  
Atty: RPMoore / DMSteel  
Date: November 9, 2001



04/16/02 TUE 16:24 FAX

**Testa, Hurwitz & Thibault, LLP**  
125 High Street  
Boston, MA 02110

Fleet Bank, N.A.  
Boston, Massachusetts 02110

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Date: November 9, 2001  
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ORDER OF: Director of U.S. Patent & Trademark Office

Testa, Hurwitz & Thibault, LLP

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Payee: Director of U.S. Patent & Trademark Office  
Vendor ID: DIREUS

Check #: 201608  
Check Date: 11/09/2001

<u>Invoice Num</u>	<u>Invoice Date</u>	<u>Reference</u>	<u>Invoice Amount</u>	<u>Discount Taken</u>	<u>Amount Paid</u>
080980	11/09/2001		110.00	0.00	110.00
Totals:			\$110.00	\$0.00	\$110.00

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COPY

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PATENT  
Attorney Docket No. INL-036DV

APR 16 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Dahlback  
SERIAL NO.: 09/912,947 GROUP NO.: Not yet assigned  
FILING DATE: July 25, 2001 EXAMINER: Not yet assigned  
TITLE: NOVEL ANTICOAGULATION COFACTOR ACTIVITY

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, DC 20231 on this 9th day of November 2001.

*Julie Westhaver*  
Julie Westhaver

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

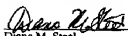
Transmittal Form (1 pg.); Fee Transmittal (1 pg.); Petition for Extension of Time (1 pg.); Response to Notice of Incomplete Reply (2 pgs.); Copy of Notice of Incomplete Reply (1 pg.); Check in the Amount of \$110.00; and postcard.

221/7971



O I P E  
APR 16 2002

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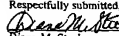
<h1 style="text-align: center;">COPY</h1> <h2 style="text-align: center;">TRANSMITTAL FORM</h2>		Application Serial Number	09/912,947	
		Filing Date	July 25, 2001	
		First Named Inventor	Dahlback	
		Group Art Unit	Not yet assigned	
		Examiner Name	Not yet assigned	
		Attorney Docket No.	INTL-036DV	
		BATCH NO. (after allowance)	Not applicable	
		Patent No.	Not applicable	
Issue Date	Not applicable			
<b>ENCLOSURES (check all that apply)</b>				
<input checked="" type="checkbox"/> Fee Transmittal Form <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Check Attached Copy of Fee Transmittal Form         </div> <input type="checkbox"/> Amendment/Response <div style="margin-left: 20px;"> <input type="checkbox"/> Preliminary After Final Affidavits/declaration(s) Letter to Official Draftsperson including Drawings [Total Sheets _____]         </div> <input checked="" type="checkbox"/> Petition for Extension of Time <div style="margin-left: 20px;"> <input type="checkbox"/> Information Disclosure Statement           <div style="margin-left: 20px;"> <input type="checkbox"/> Form PTO-1449             <div style="margin-left: 20px;"> <input type="checkbox"/> Copies of IDS Citations           </div> </div> </div> <input type="checkbox"/> Certified Copy of Priority Document(s) <div style="margin-left: 20px;"> <input type="checkbox"/> Sequence Listing submission           <div style="margin-left: 20px;"> <input type="checkbox"/> Paper Copy/CD             <div style="margin-left: 20px;"> <input type="checkbox"/> Computer Readable Copy             <div style="margin-left: 20px;"> <input type="checkbox"/> Statement verifying identity of above           </div> </div> </div> </div>		<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <div style="margin-left: 20px;"> <input type="checkbox"/> Certificate of Correction (in duplicate)           </div>		<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (In triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <input checked="" type="checkbox"/> Response to Notice of Incomplete Reply <input checked="" type="checkbox"/> Copy of Notice of Incomplete Reply
<b>CORRESPONDENCE ADDRESS</b> Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100		<b>SIGNATURE BLOCK</b> Respectfully submitted, <div style="text-align: center;">           Diana M. Steel          Attorney for Applicant          Testa, Hurwitz &amp; Thibault, LLP          High Street Tower          125 High Street          Boston, MA 02110       </div> Date: November 9, 2001 Reg. No. 43,153 Tel. No.: (617) 310-8168 Fax No.: (617) 248-7100		

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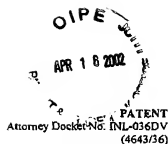
FEE TRANSMITTAL FY 2002		Complete if Known	
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		Filing Date	July 25, 2001
		First Named Inventor	Dahlbeck
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
		Attorney Docket No.	INL-036DV

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METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																
<p>1. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p>2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  <input type="checkbox"/> Required Fees (copy of this sheet enclosed).  <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17.  <input checked="" type="checkbox"/> Overpayment Credit.</p> <p>3. <input type="checkbox"/> Applicant claims small entity status.</p>	<p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee (\$)</th> <th style="text-align: left;">Small Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>Request for ex parte reexamination</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td>110.00</td></tr> <tr><td>400</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>920</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1440</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1960</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>320</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>320</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>280</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>740</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>740</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>100</td><td>100</td><td>Certificate of Correction for applicant's error</td><td></td></tr> <tr><td colspan="2"></td><td>Other fee (Specify)</td><td></td></tr> <tr><td colspan="2"></td><td>Other fee (Specify)</td><td></td></tr> </tbody> </table>	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath		50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		110	55	Extension for reply within first month	110.00	400	200	Extension for reply within second month		920	460	Extension for reply within third month		1440	720	Extension for reply within fourth month		1960	980	Extension for reply within fifth month		320	160	Notice of Appeal		320	160	Filing a brief in support of an appeal		280	140	Request for oral hearing		130	130	Petitions to the Commissioner		180	180	Submission of Information Disclosure Statement		740	370	Filing a submission after final rejection (37 CFR 1.129(a))		740	370	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error				Other fee (Specify)				Other fee (Specify)	
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<p>2. AMENDMENT CLAIM FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Claims Remaining After Amend.</th> <th style="text-align: left;">Highest No. Previously Paid For</th> <th style="text-align: left;">Present Extra</th> <th style="text-align: left;">Rate</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>-</td> <td>=</td> <td>x \$ 18.00 =</td> <td></td> </tr> <tr> <td>Indep.</td> <td>-</td> <td>=</td> <td>x \$ 84.00 =</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> First Presentation of Multiple Dep. Claim</td> <td>+ \$280.00 =</td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: right;">TOTAL: (\$) SMALL ENTITY DISCOUNT: (\$) SUBTOTAL (2) (\$)</p>	Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	Total	-	=	x \$ 18.00 =		Indep.	-	=	x \$ 84.00 =		<input type="checkbox"/> First Presentation of Multiple Dep. Claim		+ \$280.00 =			<p style="text-align: center;">CORRESPONDENCE ADDRESS</p> <p>Direct all correspondence to:</p> <p style="text-align: center;">Patent Administrator          Testa, Hurwitz &amp; Thibault, LLP          High Street Tower-125 High Street          Boston, MA 02110          Tel. No.: (617) 248-7000          Fax No.: (617) 248-7100</p>																																																												
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<input type="checkbox"/> First Presentation of Multiple Dep. Claim		+ \$280.00 =																																																																															
<p style="text-align: center;">SIGNATURE BLOCK</p> <p>Respectfully submitted,</p> <p style="text-align: center;">           Diana M. Steel          Attorney for the Applicants          Testa, Hurwitz &amp; Thibault, LLP          High Street Tower-125 High Street          Boston, MA 02110       </p> <p>Date: November 9, 2001          Reg. No.: 43,153          Tel. No.: (617) 310-8168          Fax No.: (617) 248-7100</p>																																																																																	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

APPLICANTS: Dahlbäck  
SERIAL NO.: 09/912,947 ART UNIT: Not yet assigned  
FILING DATE: July 25, 2001 EXAMINER: Not yet assigned  
TITLE: Novel Anticoagulant Cofactor Activity

**RESPONSE TO NOTICE OF INCOMPLETE REPLY**

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231


Sir:

In response to the Notice to Incomplete Reply mailed October 19, 2001 with respect to the above-identified application, please find the Abstract attached on a separate sheet. Also enclosed a petition for extension of time up to and including November 15, 2001 and the extension fee. Applicants believe that no additional fees are due. Should Applicants be in error, please charge Deposit Account No. 20-0531

Respectfully submitted,

Date: November 9, 2001  
Reg. No. 43,153

Tel. No. (617) 310-8168  
Fax: (617) 248-7100

  
Diana M. Steel, D. Phil.  
Attorney for Applicant  
Testa, Hurwitz, & Thibault  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110

2217944

Response to Notice of Incomplete Reply  
U.S. Serial No. 09/912,947  
Page 2



--Abstract

Methods are disclosed for determining, in a sample derived from a human, the functional activity of a component of the human blood coagulation system, which activity can be correlated to conversion of a substrate specific for activated Protein C (APC), by measuring in an assay medium containing the sample and a substrate for APC, the conversion of the substrate by APC and correlating the conversion to the functional activity of the component. When the component is anticoagulant Factor V, at least one of exogenous APC, Protein S or an inhibitor of Protein S activity is added to the medium. When the component is Protein C, APC, or Protein S, exogenous anticoagulant Factor V or an inhibitor of anticoagulant activity of Factor V is added to the medium. Methods are also disclosed for diagnosing a blood coagulation/anticoagulation disorder or for determining a predisposition thereto in a human by determining anticoagulant Factor V activity in an assay medium containing a sample derived from the human.--



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Page 1 of 1

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 WASHINGTON, D.C. 20503  
 WWW.USPTO.GOV

APPLICATION NUMBER	FILE NO/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/912,947	07/25/2001	Bjorn Dahlback	INL-036DV

021323  
 TESTA, HURWITZ & THIBEAULT, LLP  
 HIGH STREET TOWER  
 125 HIGH STREET  
 BOSTON, MA 02110

CONFIRMATION NO. 7730

## FORMALITIES LETTER

\*\*\*\*\*  
 "CC00000000692362"

Date Mailed: 10/19/2001

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

## Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on 09/13/2001 to the Notice to File Missing Parts (Notice) mailed 08/15/2001 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Abstract must be on a separate sheet.

*A copy of this notice MUST be returned with the reply.*

*Alm*  
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE